09/801,389.

CofC

Docket No. 2000-022DIV1
PATENT

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to: Mail Stop: Decision and Certificate of Correction Branch of the Patent Issue Division, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on 11/10/06.

By: _____
Annie Wong

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent Number:	7,122,156
Issued:	October 17, 2006
Name of Patentee:	Symyx Technologies, Inc.
Title of Invention:	PARALLEL FLOW REACTOR HAVING VARIABLE COMPOSITION

ATTENTION: Decision and Certificate of Correction,
Branch of the Patent Issue Division
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

TRANSMITTAL LETTER

Sir:

Transmitted herewith (check all that apply):

[ ] Preliminary Amendment	[ ] Supplemental Information Disclosure Statement
[ ] Response/Amendment	[ ] Petition Under 37 CFR 1.97(d)(2)
[ ] Response/Amendment After Final	[ ] Formal Drawings
[ ] Supplemental Amendment	[ ] Declaration Under 37 CFR 1.131
[ ] Affidavits/Declarations	[ ] Declaration Under 37 CFR 1.132
[ ] Declaration and Power of Attorney	[ ] Terminal Disclaimer
[ ] Supplemental Declaration	[ ] Small Entity Statement
[ ] Associate Power of Attorney	[ ] Request for Refund
[ ] Change of Correspondence Address	[ ] Appeal
[ ] Associate Power of Attorney	[ ] Petition
[ ] Response to Missing Parts	[X] Request for Certificate of Correction

to be filed in the above-identified patent application.

[X] No fee is required.

[X] The Commissioner is hereby authorized to charge payment of any additional filing fees required under 37 C.F.R. § 1.16, in connection with the paper(s) transmitted herewith, or credit any overpayment of same, to Deposit Account No. 50-0496.

A duplicate copy of this Transmittal Letter is transmitted herewith.

Respectfully submitted,

Date: November 10, 2006

James H. Ackley
Reg. No. 45,695
Attorney for Applicant(s)

Symyx Technologies, Inc.
3100 Central Expressway
Santa Clara, California 95051
Tel.: (408) 720-2598
Fax: (408) 773-4029

Docket No. 2000-022DIV1
PATENT

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By: _____
Annie Wong

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent Number:	7,122,156
Issued:	October 17, 2006
Name of Patentee:	Symyx Technologies, Inc.
Title of Invention:	PARALLEL FLOW REACTOR HAVING VARIABLE COMPOSITION

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By: _____
Annie Wong

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent Number:	7,122,156
Issued:	October 17, 2006
Name of Patentee:	Symyx Technologies, Inc.
Title of Invention:	Parallel Flow Reactor Having Variable Composition

ATTENTION: Decision and Certificate of Correction,
Branch of the Patent Issue Division
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

REQUEST FOR CERTIFICATE OF CORRECTION OF PATENT FOR OFFICE'S MISTAKES

Dear Sir:

It is noted that the following errors appear in this patent of a minor nature or character, as more fully described on Form PTO/SB/44 enclosed. The following errors by the U.S. Patent Office:

On page 2 of the coversheet of the patent, Item (56) References Cited, U.S. PATENT DOCUMENTS, insert the following:

5,865,417	2/1999	Harris et al.	251/11
5,869,004	2/1999	Parce et al.	422/100
5,872,010	2/1999	Karger et al.	436/173
5,922,591	7/1999	Anderson et al.	435/287.2
5,927,325	7/1999	Bensaoula et al.	137/599
5,959,297	9/1999	Weinberg et al.	250/288
5,985,356	11/1999	Schultz et al.	427/8
6,004,617	12/1999	Schultz et al.	427/8
6,030,917	2/2000	Weinberg et al.	502/104
6,033,544	3/2000	Demers et al.	204/450
6,063,633	5/2000	Willson	436/37
6,087,181	7/2000	Cong	436/37

6,149,882	11/2000	Guan et al.	422/211
6,175,409	1/2001	Nielsen et al.	356/337
2002/0014106	2/2002	Srinivasan et al.	
2002/0042140	4/2002	Hagemeyer et al.	
2002/0045265	4/2002	Bergh et al.	
2002/0048536	4/2002	Bergh et al.	

On page 2 of the coversheet of the patent, Item (56) References Cited, FOREIGN PATENT DOCUMENTS, insert the following:

GB	967,261		3/1962
DE	27 14 939	B2	11/1979
DE	196 32 779	A1	2/1998
DE	198 05 719	A1	8/1999
DE	198 06 848	A1	8/1999
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Bruns, M.W., "The Application of Silicon Micromachining Technology and High Speed Gas Chromatography to On-Line Process Control", *MTI Analytical Instruments*.

Cooke, William S., 403P "Decreasing Gas Chromatography Analysis Using a Multicapillary Column", PITTCON '96, Chicago, Illinois, Mar. 3-8, 1996.

Sadler, D.J. et al., "A New Magnetically Actuated Microvalve For Liquid and Gas Control Applications", Center for Microelectronic Sensors and MEMS, University of Cincinnati.

Corrections thereof do not involve such changes in the patent as would constitute new matter or would require re-examination. A certificate of correction is requested.

Attached hereto, in duplicate, is Form PTO/SB/44, with at least one copy being suitable for printing. The exact page and line numbers where the errors occur in the application file is listed on Form PTO/SB/44. Also attached is a copy of a facsimile from Examiner Dwayne K. Handy dated March 24, 2005 stating he signed off on all the IDS forms, with a copy of page 2 of Form PTO-1449 listing the missing references, as initialed by Examiner Handy.

Please send the Certificate of Correction to:

Ronald A. Krasnow
Symyx Technologies, Inc.
3100 Central Expressway
Santa Clara, CA 95051

Patentee believes that no fee is required for these corrections. If a fee is required, the Commissioner is authorized to deduct such fee from Deposit Account 50-0496.

Date: 11/10/06

James H. Ackley
Registration No. 45,695
Symyx Technologies, Inc.
3100 Central Expressway
Santa Clara, CA 95051
408-720-2598
Customer No. 22905

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO: 7,122,156
DATED: October 17, 2006
INVENTOR(S) : Bergh et al.

It is certified that error appears in the above-identified patent and that said Letters Patent are hereby corrected as shown below:

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5,872,010	2/1999	Karger et al.	436/173
5,922,591	7/1999	Anderson et al.	435/287.2
5,927,325	7/1999	Bensaoula et al.	137/599
5,959,297	9/1999	Weinberg et al.	250/288
5,985,356	11/1999	Schultz et al.	427/8
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6,030,917	2/2000	Weinberg et al.	502/104
6,033,544	3/2000	Demers et al.	204/450
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6,149,882	11/2000	Guan et al.	422/211
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2002/0014106	2/2002	Srinivasan et al.	
2002/0042140	4/2002	Hagemeyer et al.	
2002/0045265	4/2002	Bergh et al.	
2002/0048536	4/2002	Bergh et al.	

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PATENT NO. 7,122,156
No. of additional copies 1

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION (PTO SB/44)

Additional Page

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UNITED STATES PATENT AND TRADEMARK OFFICE
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5,922,591	7/1999	Anderson et al.	435/287.2
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6,030,917	2/2000	Weinberg et al.	502/104
6,033,544	3/2000	Demers et al.	204/450
6,063,633	5/2000	Willson	436/37
6,087,181	7/2000	Cong	436/37
6,149,882	11/2000	Guan et al.	422/211
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PATENT NO. 7,122,156
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Sadler, D.J. et al., "A New Magnetically Actuated Microvalve For Liquid and Gas Control Applications", Center for Microelectronic Sensors and MEMS, University of Cincinnati.

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COMMISSIONER FOR PATENTS
UNITED STATES PATENT AND TRADEMARK OFFICE
P.O. BOX 1450
ALEXANDRIA, VA 22313-1450
www.uspto.gov

Fax Cover Sheet

Date: 24 Mar 2005

To: Mr. Paul Stone	**From:** Dwayne K. Handy
Application/Control Number: 09/801,389	**Art Unit:** 1743
Fax No.: 408-773-4029	**Phone No.:** 571-272-1259
Voice No.:	**Return Fax No.:**
Re:	**CC:**

☐ **Urgent** ☐ **For Review** ☐ **For Comment** ☐ **For Reply** ☐ **Per Your Request**

Comments:
Mr. Stone,
The fax came through a little fuzzy, but I believe it came through well enough to place the IDS in the file. I signed off on all of the IDS forms just to be sure a single sheet (page 2) doesn't come back from Pubs.

DKH

Number of pages 6 **including this page**

INFORMATION DISCLOSURE CITATION

PTO-1449

ATTORNEY'S DOCKET NO.:	APPLICATION NO.:
2000-022DIV1	09/801,389
APPLICANT: Bergh et al.	
FILING DATE: 3/7/2001	GROUP: 1743

US PATENT DOCUMENTS

EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
DJM	3,431,077	3/04/69	Danforth	23	253	7/18/66
	3,536,452	10/27/70	Norton et al.	23	259	12/10/62
	4,099,923	7/11/78	Milberger	23	254 R	1/17/77
	4,705,669	11/10/87	Tsuji et al.	422	93	8/27/86
	4,869,282	9/26/89	Sittler et al.	137	15	12/09/88
	4,896,387	2/26/91	Gerhold et al.	585	654	7/20/89
	5,089,232	2/18/92	May	422	83	1/24/90
	5,252,294	10/12/93	Kroy et al.	422	102	2/03/92
	5,304,354	4/19/94	Finley et al.	422	196	11/30/92
	5,324,483	6/28/94	Cody et al.	422	131	2/02/93
	5,417,938	5/23/95	Shelden et al.	422	196	
	5,534,328	7/09/96	Ashmead et al.	428	166	12/02/93
	5,580,523	12/03/96	Bard	422	50	4/01/94
	5,589,136	12/31/96	Northrup et al.	422	102	6/20/95
	5,593,642	1/14/97	DeWitt et al.	422	131	6/05/95
	5,595,712	1/21/97	Herbster et al.	422	129	7/25/94
	5,603,351	2/18/97	Cherukuri et al.	137	597	6/07/95
	5,611,214	3/18/97	Wegeng et al.	62	498	7/29/94
	5,639,423	6/17/97	Northrup et al.	122	50	8/31/92
	5,658,537	8/19/97	Dugan	422	191	7/18/95
	5,690,763	11/25/97	Ashmead et al.	156	60	6/06/96
	5,750,906	5/12/98	Parker et al.	73	863.73	10/29/96
	5,776,359	7/07/98	Schultz et al	252	62.51	5/08/95
	5,780,748	7/14/98	Barth	73	861.47	1/29/97
	5,811,062	9/22/98	Wegeng et al.	422	129	2/23/96
	5,833,926	11/10/98	Wurzel et al.	422	81	10/24/95
	5,842,787	12/01/98	Kopf-Sill et al.	366	340	10/9/97
	5,843,385	12/01/98	Dugan	422	191	4/02/97
DJM	5,863,801	1/26/99	Southgate et al.	436	63	6/14/96

INFORMATION DISCLOSURE CITATION PTO-1449	ATTORNEY'S DOCKET NO.: 2000-022DIV1	APPLICATION NO.: 09/801,389
	APPLICANT: Bergh et al.	
	FILING DATE: 3/7/2001	GROUP: 1743

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	6,063,633	5/16/00	Willson	436	37	6/17/96
	6,087,181	7/11/00	Cong	436	37	3/16/98
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	6,176,409	1/16/01	Nielsen et al	356	337	4/02/99
	US-20020014106	2/07/02	Srinivasan et al.	—	—	3/07/01
	US-20020042140	4/11/02	Hagemeyer et al.	—	—	7/09/01
	US-20020045265	4/18/02	Bergh et al.	—	—	3/08/01
DKH	US-20020048536	4/25/02	Bergh et al.	—	—	3/07/01

FOREIGN DOCUMENTS

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DKH	967,261	3/15/62	United Kingdom	B01J			
	DD 234 941 A1	4/16/86	Germany	G01N	31/10		x
	DE 27 14 939 B2	11/29/79	Germany	G01N	31/10		x
	DE 196 32 779 A1	2/19/98	Germany	G01N	35/00	x	
	DE 198 05 719 A1	8/19/99	Germany	B01J	35/04	x	
	DE 198 06 848 A1	8/19/99	Germany	B01J	35/02	x	
	DE 198 09 477 A1	9/16/99	Germany	G01N	31/10	x	
DKH	DE 198 55 894 A1	6/08/00	Germany	B01J	35/04		x

INFORMATION DISCLOSURE CITATION PTO-1449	ATTORNEY'S DOCKET NO.: 2000-022DIV1	APPLICATION NO.: 09/801,389
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DKM	EP 0 796 654 A2	9/24/97	EPO	B01J	19/00		
	EP 0 886 143 A1	12/23/98	EPO	G01N	33/68		
	WO 96/15576	5/23/96	PCT	H02K	44/02		
	WO 97/32208	9/04/97	PCT	G01N	31/10		
	WO 98/00231	1/08/98	PCT	B01J	19/00		
	WO 98/03521	1/29/98	PCT	C07F	19/00		
	WO 98/07026	2/19/98	PCT	G01N	31/10	x	
	WO 98/13137	4/02/98	PCT	B01J	19/00		
	WO 98/13605	4/02/98	PCT	F15C	5/00		
	WO 98/16949	4/23/98	PCT	H01J	49/40		x
	WO 98/22811	5/28/98	PCT	G01N	27/26		
	WO 98/53236	11/26/98	PCT	F16K	31/126		
	WO 98/55852	12/10/98	PCT	G01N	27/26		
	WO 98/56505	12/17/98	PCT	B01L	3/00		
	WO 99/41005	8/19/99	PCT	B01J	19/00	x	
	WO 99/64160	12/16/99	PCT	B01L	3/02		
	WO 00/09255	2/24/00	PCT	B01J	19/00		
	WO 00/14529	3/16/00	PCT	G01N	31/02		
	WO 00/17413	3/30/00	PCT	C23C	14/04		
	WO 00/51720	9/08/00	PCT	B01J	19/00		
	WO 01/00315	1/04/01	PCT	B01J	19/00		
DKM							

OTHER DOCUMENTS *(Including Author, Title, Date, Pertinent Pages, etc.)*

DKM	Berenschot, J.W., et al., "Micromachining of {111} Plates in <001> Oriented Silicon", *J. Micromech. Microeng.* 8 (1998) 104-107
	Brenchley, D.L. et al, "Status of Microchemical Systems Development in the United States of America", AICHE, 2nd International Conference on Microreaction Technology, New Orleans, Louisiana, March 9-12, 1998, pp. 18-23
	Bruns, M.W., "The Application of Silicon Micromachining Technology and High Speed Gas Chromatography to On-Line Process Control", *MTI Analytical Instruments*
DKM	Bruns, M.W., "Silicon Micromachining and High Speed Gas Chromatography", *IEEE*, 1992, pp. 1640-1644

INFORMATION DISCLOSURE CITATION PTO-1449	ATTORNEY'S DOCKET NO.: 2000-022DIV1	APPLICATION NO.: 09/801,389
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	OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)
DPH	Bryzek, J. et al., "Micromachines on the March", *IEEE Spectrum*, 1994, pp. 20-31
	Burns, J.R. et al., "Development of a Microreactor for Chemical Production", AICHE, 2nd International Conference on Microreaction Technology, New Orleans, Louisiana, March 9-12, 1998, pp. 39-44
	Cooke, William S., 403P "Decreasing Gas Chromatography Analysis Times Using a Multicapillary Column", PITTCON '96, Chicago, Illinois, March 3-8, 1996
	Franz, A.J. et al., "New Operating Regimes and Applications Feasible with Microreactors", MIT, 1997, pp. 33-38
	Greenway, G.M. et al., "The Use of a Novel Microreactor for High Throughput Continuous Flow Organic Synthesis", *Sensors and Actuators B*, 2000, pp. 153-158
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	Haswell, Stephen J. et al., "The Application of Micro Reactors to Synthetic Chemistry", *Chem. Commun.*, 2001, 391-398
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	Hinderling, C. et al., "Rapid Screening of Olefin Polymerization Catalyst Libraries by Electrospray Ionization Tandem Mass Spectrometry", *Angew. Chem. Int. Ed.*, 1999, 38, No. 15, pp. 2253-2256
	Jäckel, K.-P., "Microtechnology: Application Opportunities in the Chemical Industry", *DECHEMA Monographs*, 1996, Vol. 132, VCH Verlagsgesellschaft, pp. 29-50
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